

ABSTRACT

METHOD AND APPARATUS FOR SCANNING ELECTRONIC BARCODES

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A scanner is provided that can read two-dimensional barcodes from reflective or emissive electronic displays. Illumination, exposure, and contrast can be automatically adjusted according to the type of display and variations in brightness or reflectivity. The

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scanner includes an imaging camera with high spectral response for reading from color displays. The scanner can also adapt to read barcodes from displays with non-square pixels.